

CASE 1 For details not shown. See Case 2. Level ground ±10% on both sides of barrier.

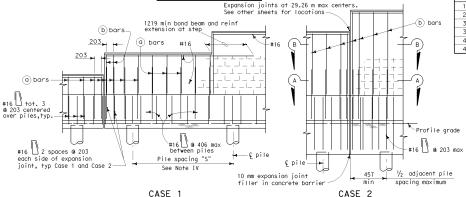
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CASE 2 For details not shown, See Case 1. Level ground ±10% at the traffic side of barrier and sloping ground on the opposite side.

For details not shown, See Case 1.

BARRIER SECTIONS

For details not shown, See Case 2.



PART ELEVATIONS

SOUNDWALL DEINEODCEMENT TABLE

TYPICAL SECTIONS

SOUNDWALL REINFORCEMENT TABLE						
		(Compressive	
Maximum	(a) bars	(b) bars		f′m	Strength	Maximum
н	@ 406 max	@ 406 max	"у"	(MPa)	of CMU	Н
					(MPa)	
1930	#13			10.34	13.1	1930
2540	#13			10.34	13.1	2540
3150	#13			10.34	13.1	3150
3759	#16	#13	1524	10.34	13.1	3759
4369	#19	#13	2134	10.34	13.1	4369
4978	#19	#13	2743	17.24	25.6	4978

NOTES I THROUGH VI

- Details shown are primarily to conform design of soundwalls to Type 736S and Type 736 SV Concrete Barriers. For soundwall details conforming with barriers see "SOUNDWALL" MASONRY BLOCK ON TYPE 736S/SV BARRIER - DETAILS (2) and (3) sheets.
- II. For details not shown, see "SOUNDWALL MASONRY BLOCK ON TYPE 736S/SV BARRIER - DETAILS NO. 2 and DETAILS NO. 3" sheets.
- III. Slope ground at traffic side of barrier to drain. Maximum slope ±10%. See Std. Plan B11-56, Note D.
- IV. Pile spacing may be varied, but shall not exceed the tabular values. See "DETAILS (3)".
- V. For Case 1 ground line to be at the same elevation on both sides of the barrier. Barrier shall not be used to retain earth.
- VI. See "SOUNDWALL MASONRY BLOCK MISCELLANEOUS DETAILS" sheet for other details.

NOTES A THROUGH G

- A. For type of block, type of block bond, and joint finish, see other sheets.
- B. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2 - 3.76 mm wires continuous at 1219 mm maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
- C. Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.
- D. For intermediate wall heights (H), or barrier depths (He), that are between the values given, use the tabular information for the next higher (H) or (He).
- E.Class 2 concrete to be used for the barrier.
- F. Masonry strengths are listed in the "SOUNDWALL REINFORCEMENT TABLE".

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

SOUNDWALL MASONRY BLOCK ON TYPE 736S/SV BARRIER DETAILS (1)

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN B15-6